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DEPARTMENT OF THE ARMY
U.S. Army Corps of Engineers
Washington, DC 20314-1000

EM 200-1-1

Manual
No. 200-1-1

1 July 1994

Environmental Quality
VALIDATION OF ANALYTICAL CHEMISTRY LABORATORIES

1. Purpose. This manual implements the USACE policy and requirements on validation of analytical chemistry laboratories as prescribed in the USACE Engineer Regulation 1110-1-263. This manual provides detailed procedures, guidance, and criteria for validation of commercial and USACE Division analytical chemistry laboratories. Laboratory validation is required to ensure that analytical chemistry laboratories meet the minimum requirements of the USACE quality assurance/quality control program that facilitates the generation of chemical data of known and acceptable quality.

2. Applicability. This manual applies to HQUSACE/OCE elements, major subordinate commands, districts, laboratories, and separate field operating activities having responsibility for in-house or contracted projects involving chemical measurements of waste and/or environmental samples. This includes, but is not limited to, execution of the following programs: Defense Environmental Restoration Program; Base Realignment and Closure; Installation Environmental Compliance; Military Construction; Superfund; Civil Works; and Department of Energy.

FOR THE COMMANDER:



WILLIAM D. BROWN
Colonel, Corps of Engineers
Chief of Staff